



US00D587092S

(12) **United States Design Patent**  
**Kaluza**

(10) **Patent No.:** **US D587,092 S**

(45) **Date of Patent:** **\*\* Feb. 24, 2009**

(54) **DOOR CLOSER**

(75) Inventor: **Georg Kaluza**, Velbert (DE)

(73) Assignee: **Dorma GmbH + Co, KG**, Ennepetal (DE)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/268,284**

(22) Filed: **Nov. 2, 2006**

(30) **Foreign Application Priority Data**

May 16, 2006 (DE) ..... 4 06 02 750

(51) **LOC (9) Cl.** ..... **08-07**

(52) **U.S. Cl.** ..... **D8/330**

(58) **Field of Classification Search** ..... D8/330,  
D8/346, 343; 16/49, 71, 52, 58, 62  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,777,423 A \* 12/1973 Coulter et al. .... 49/31

3,877,108 A \* 4/1975 Del Fiacco ..... 16/49

3,905,063 A \* 9/1975 Coulter et al. .... 16/48.5

D241,003 S \* 8/1976 Meisner ..... D8/330

4,286,412 A \* 9/1981 Stevens ..... 49/379

D364,081 S \* 11/1995 Yates et al. .... D8/330

D420,992 S \* 2/2000 Hu ..... D14/454

6,591,551 B2 \* 7/2003 Winkler ..... 49/339

D491,787 S \* 6/2004 Homberg ..... D8/330

D493,352 S \* 7/2004 Homberg ..... D8/330

\* cited by examiner

*Primary Examiner*—Prabhakar Deshmukh

(74) *Attorney, Agent, or Firm*—Cohen Pontani Lieberman & Pavane LLP

(57) **CLAIM**

The ornamental design for a door closer, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a door closer;

FIG. 2 is a top view thereof;

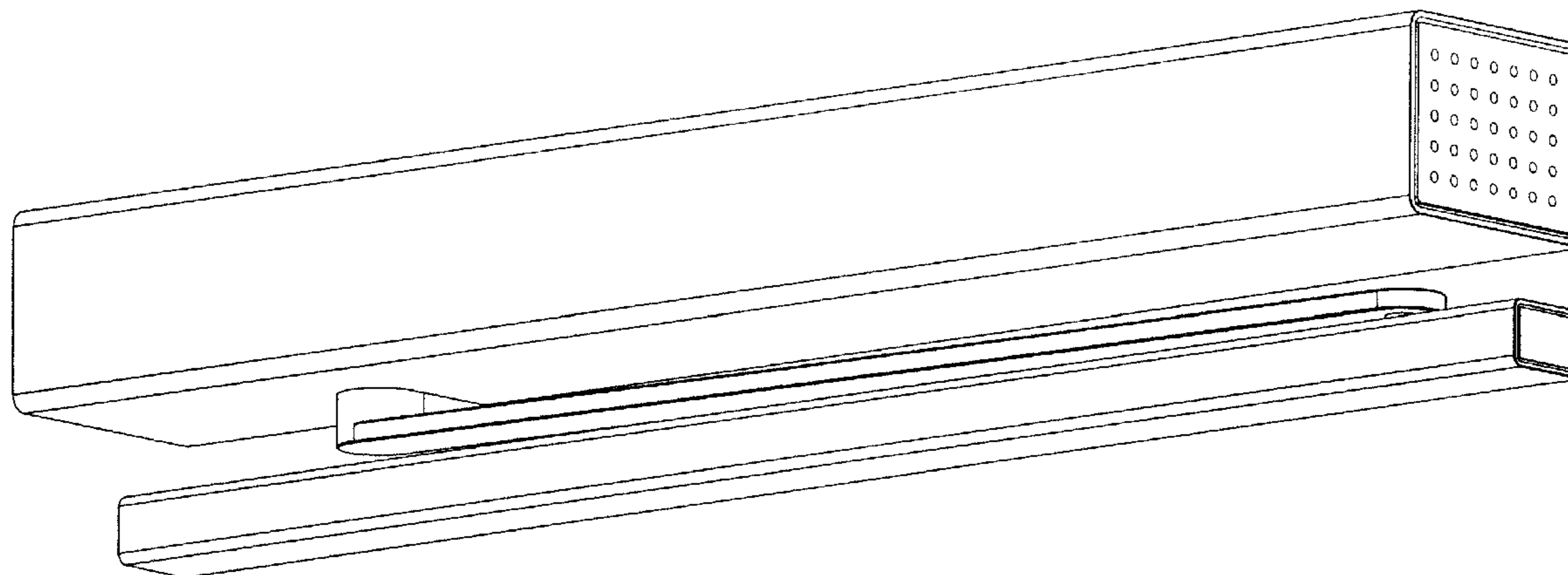
FIG. 3 is a front view;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof; and,

FIG. 6 is a bottom view thereof.

**1 Claim, 2 Drawing Sheets**



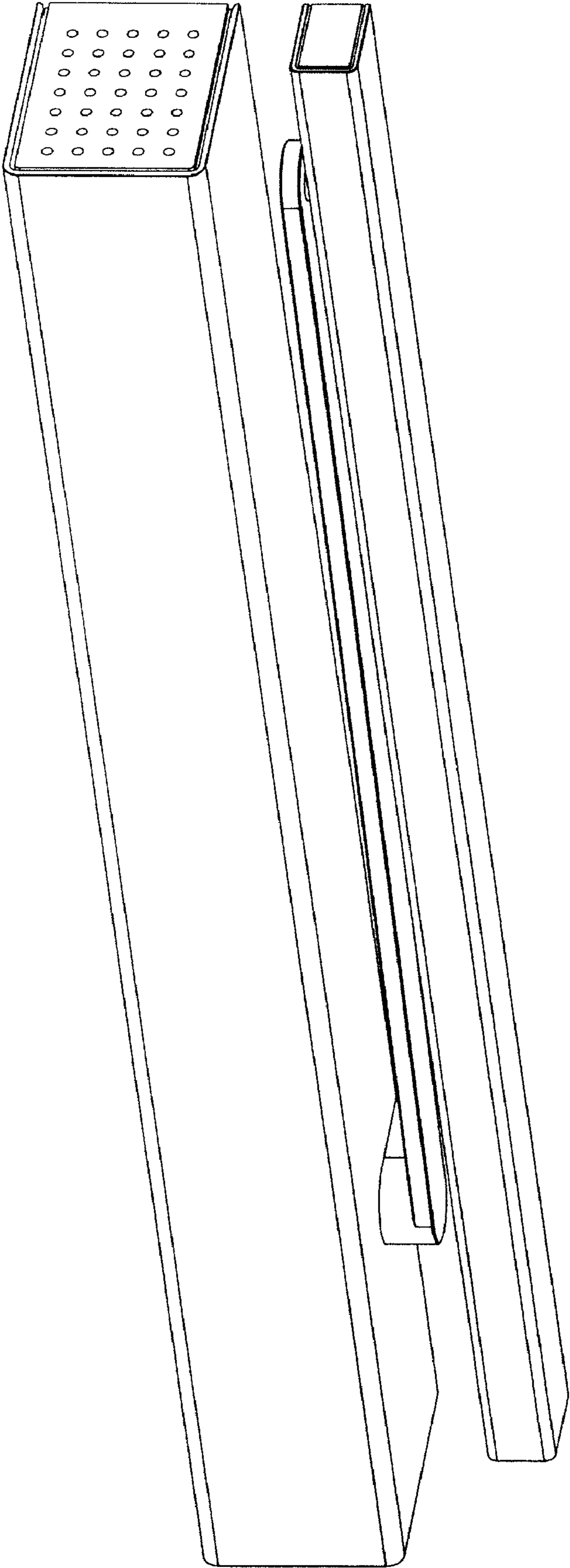


Figure 1

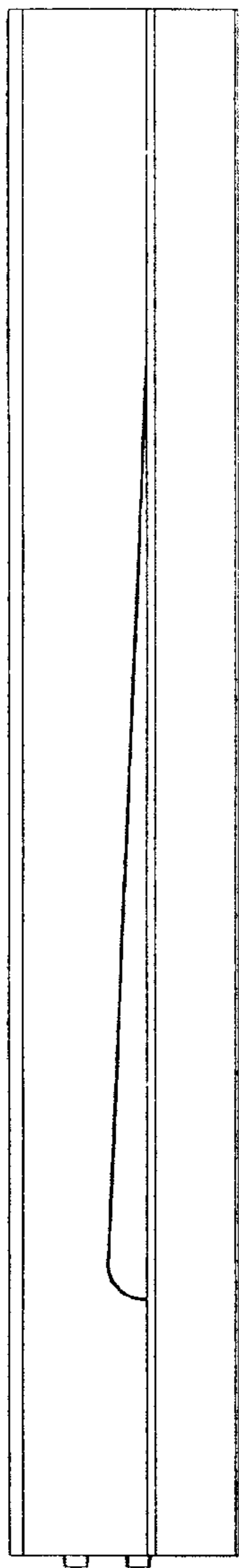


Figure 2

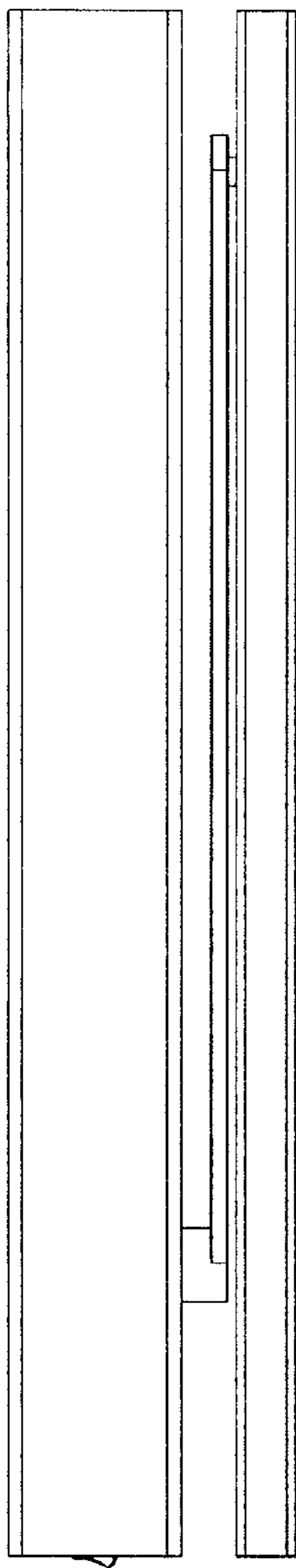


Figure 3

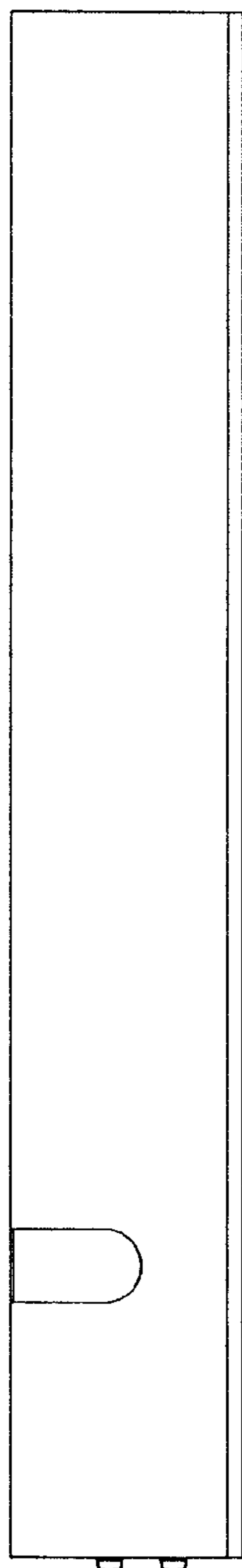


Figure 4

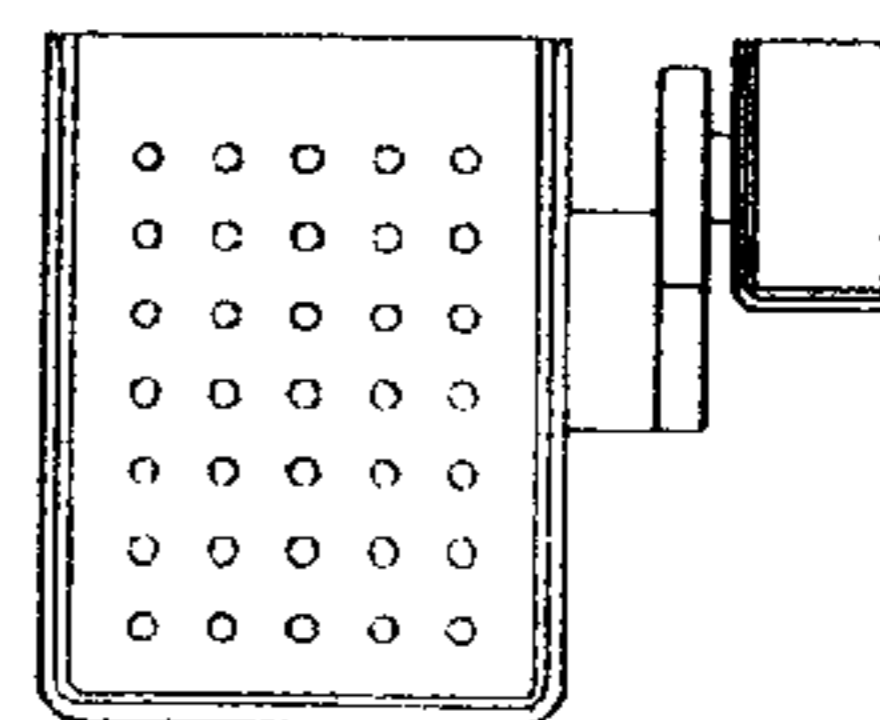


Figure 4

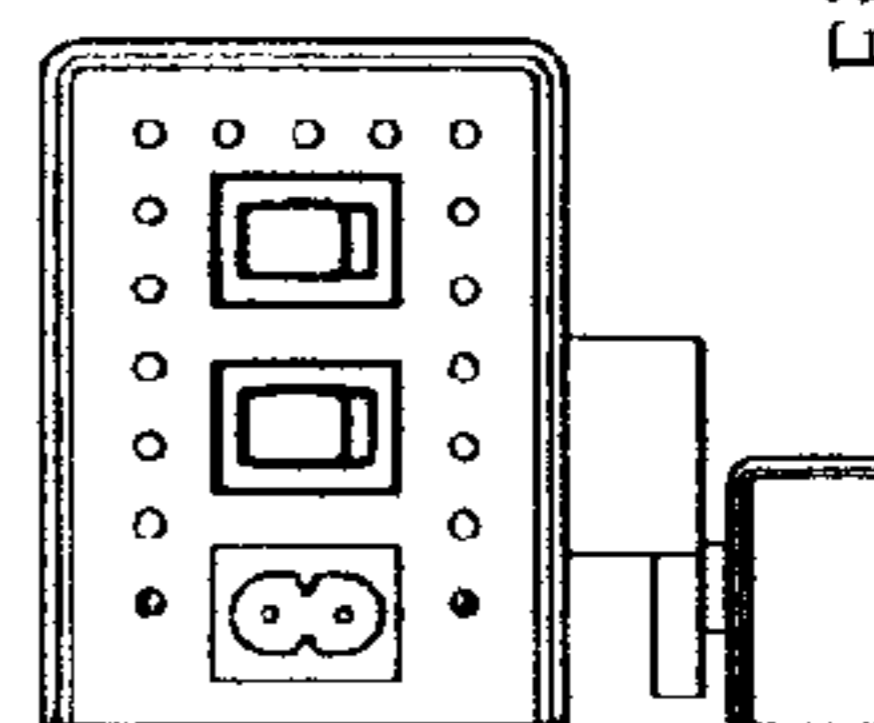


Figure 5